

FIG. 1

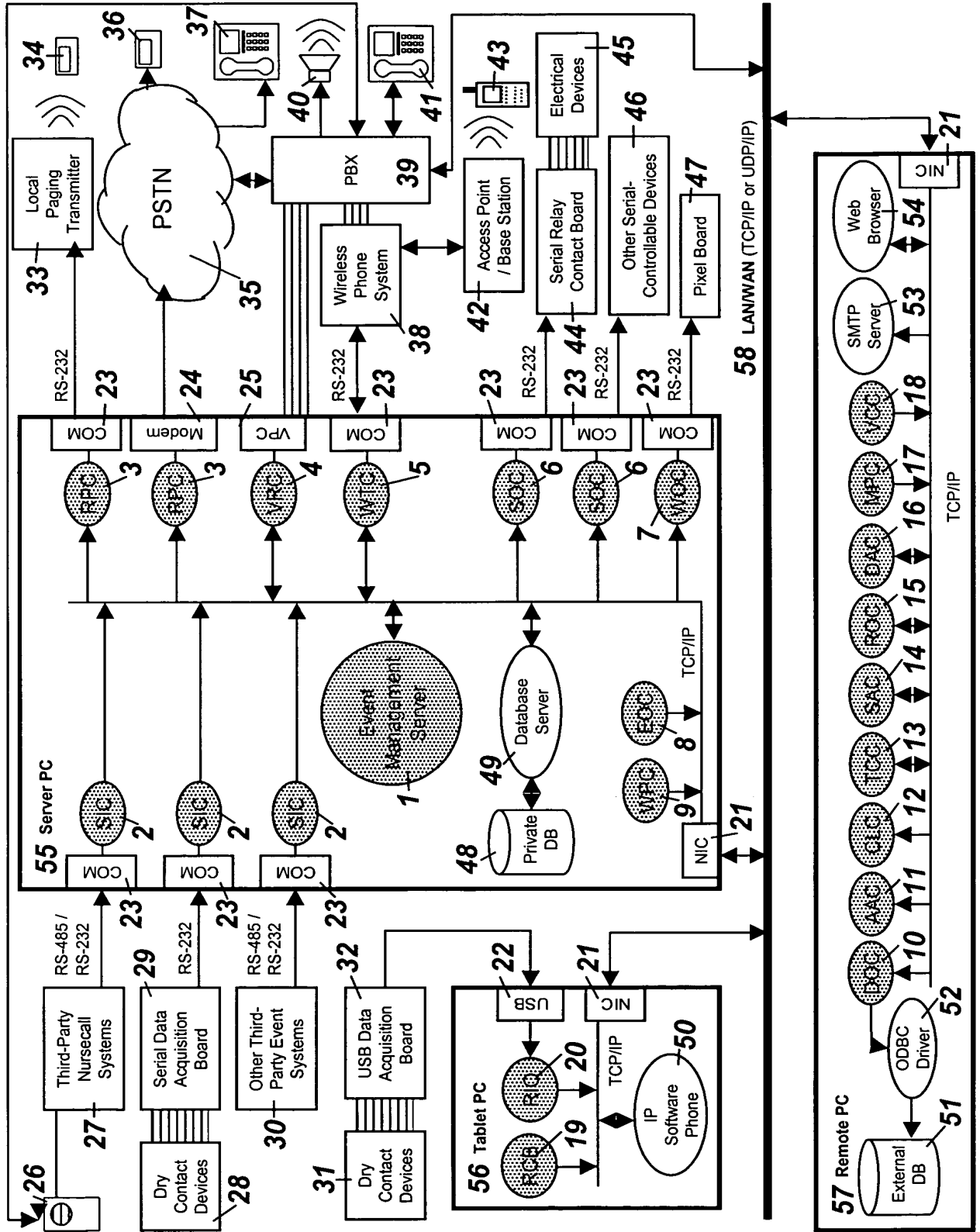


FIG. 2

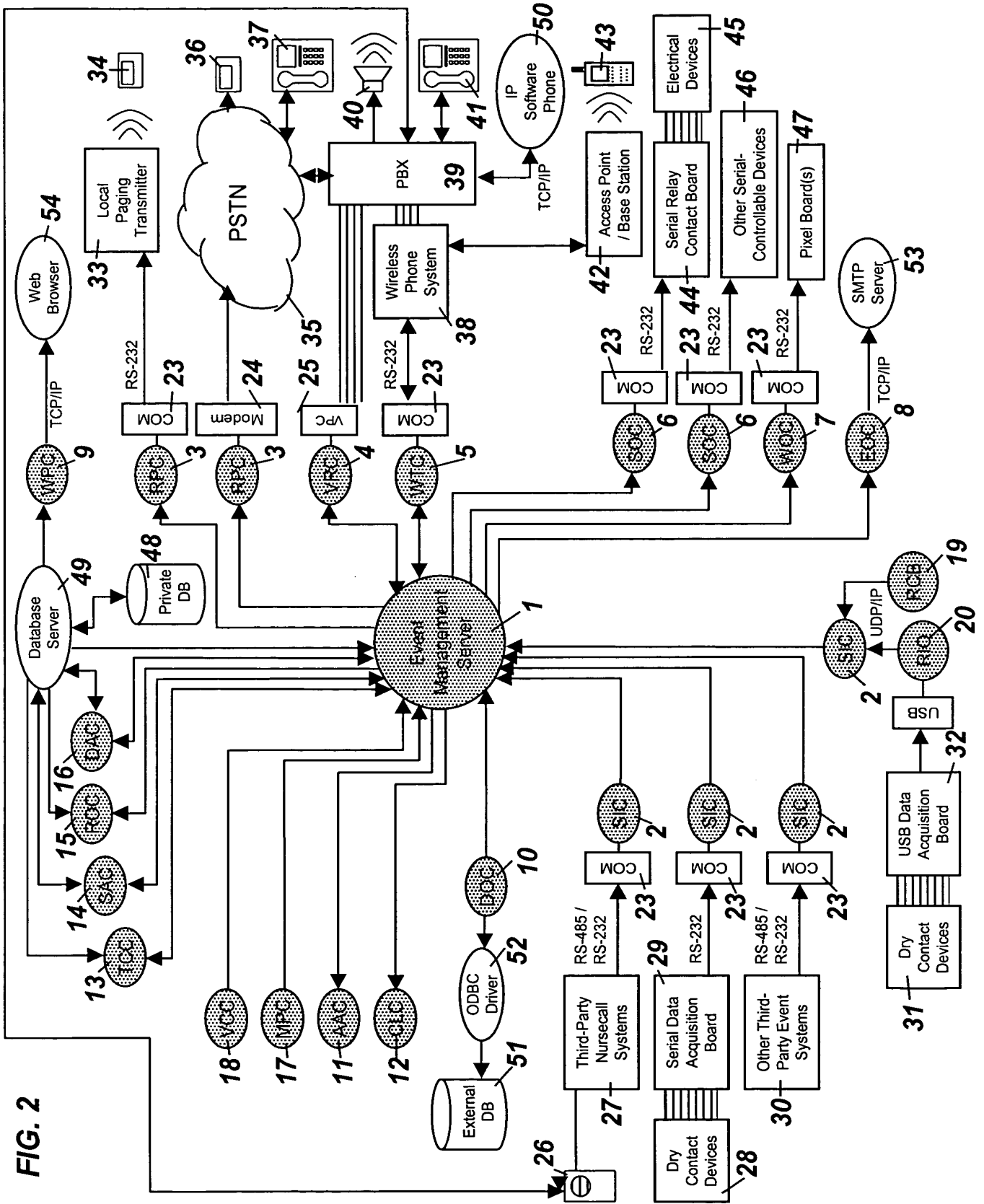


FIG. 3

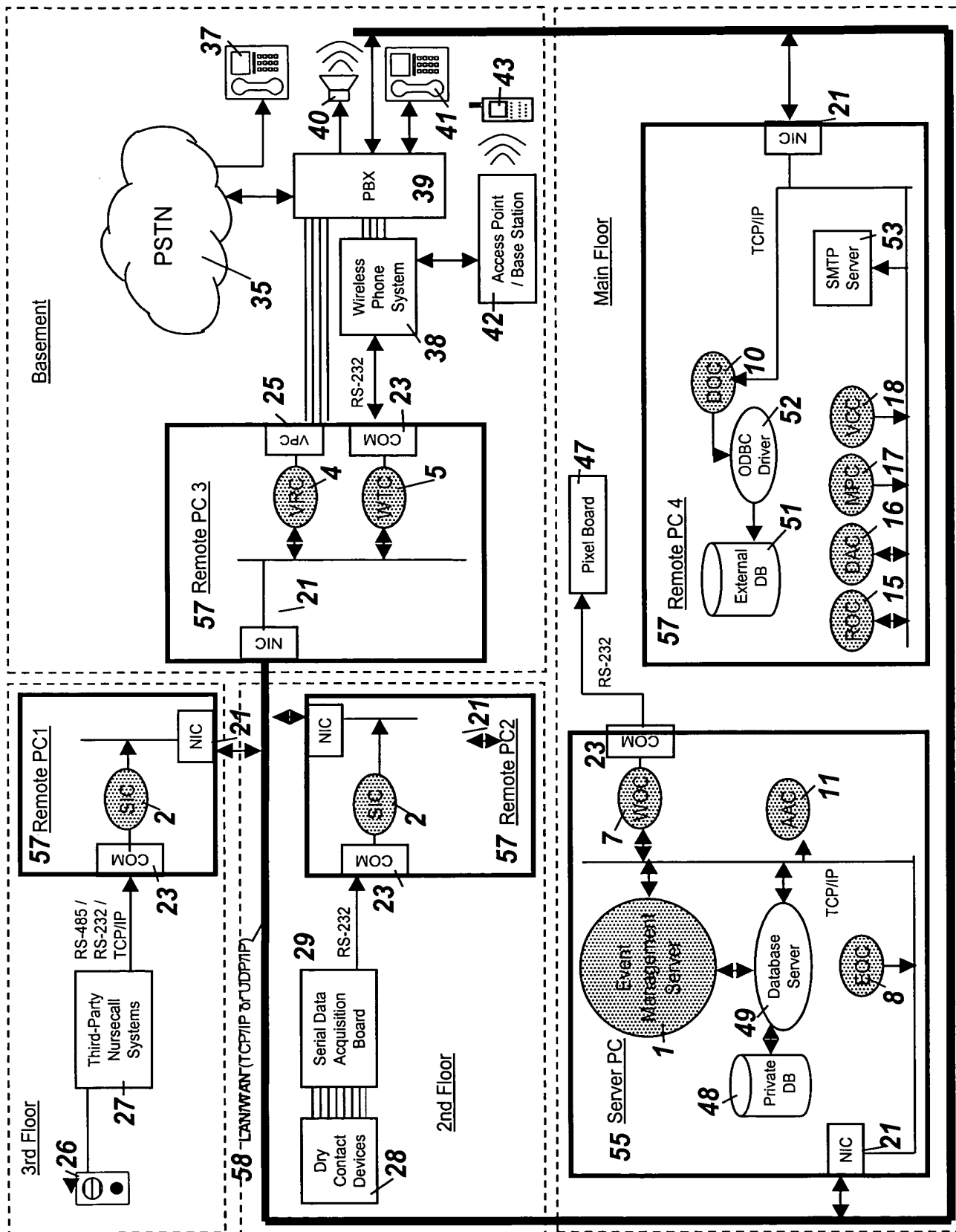


FIG. 4

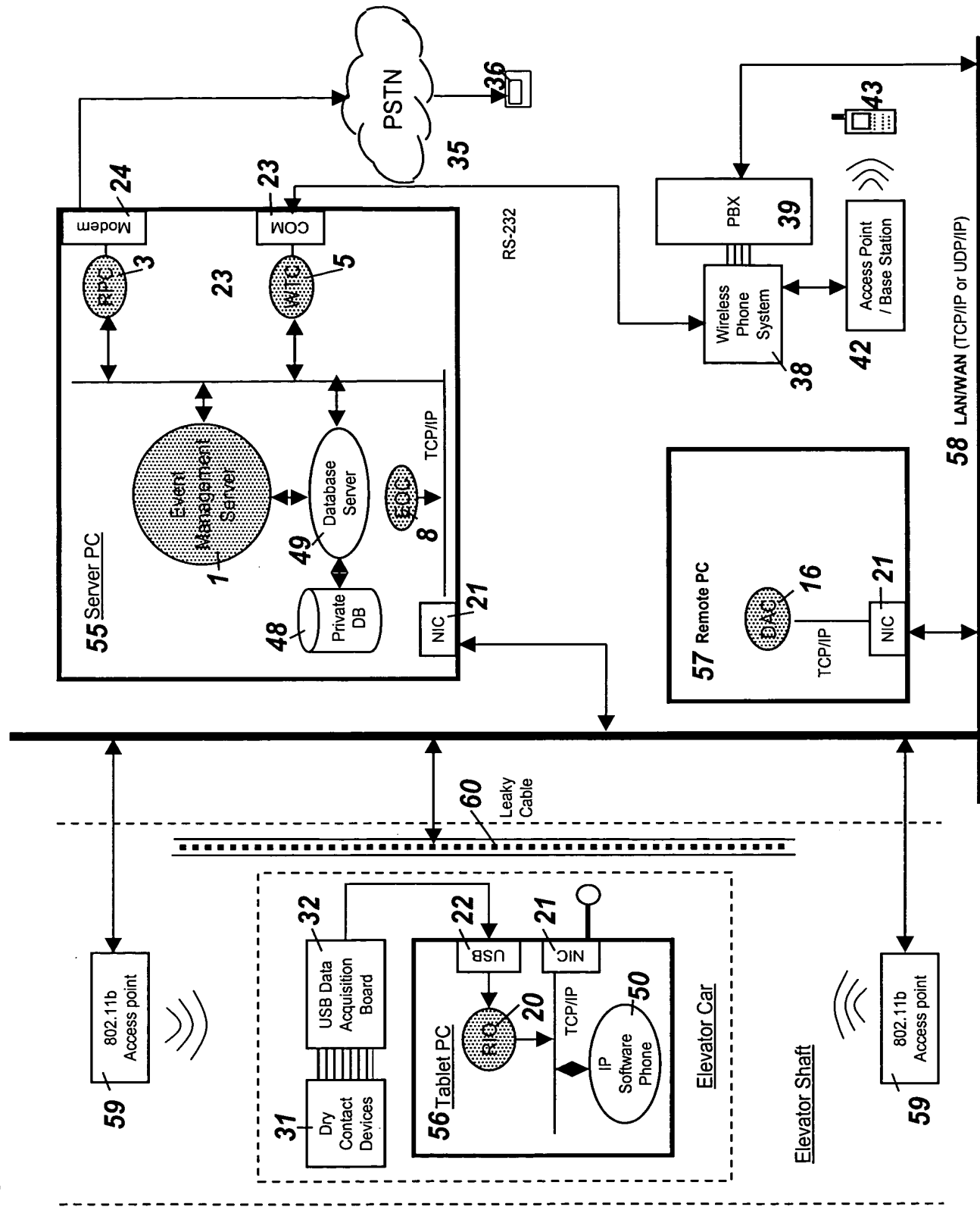


FIG. 5

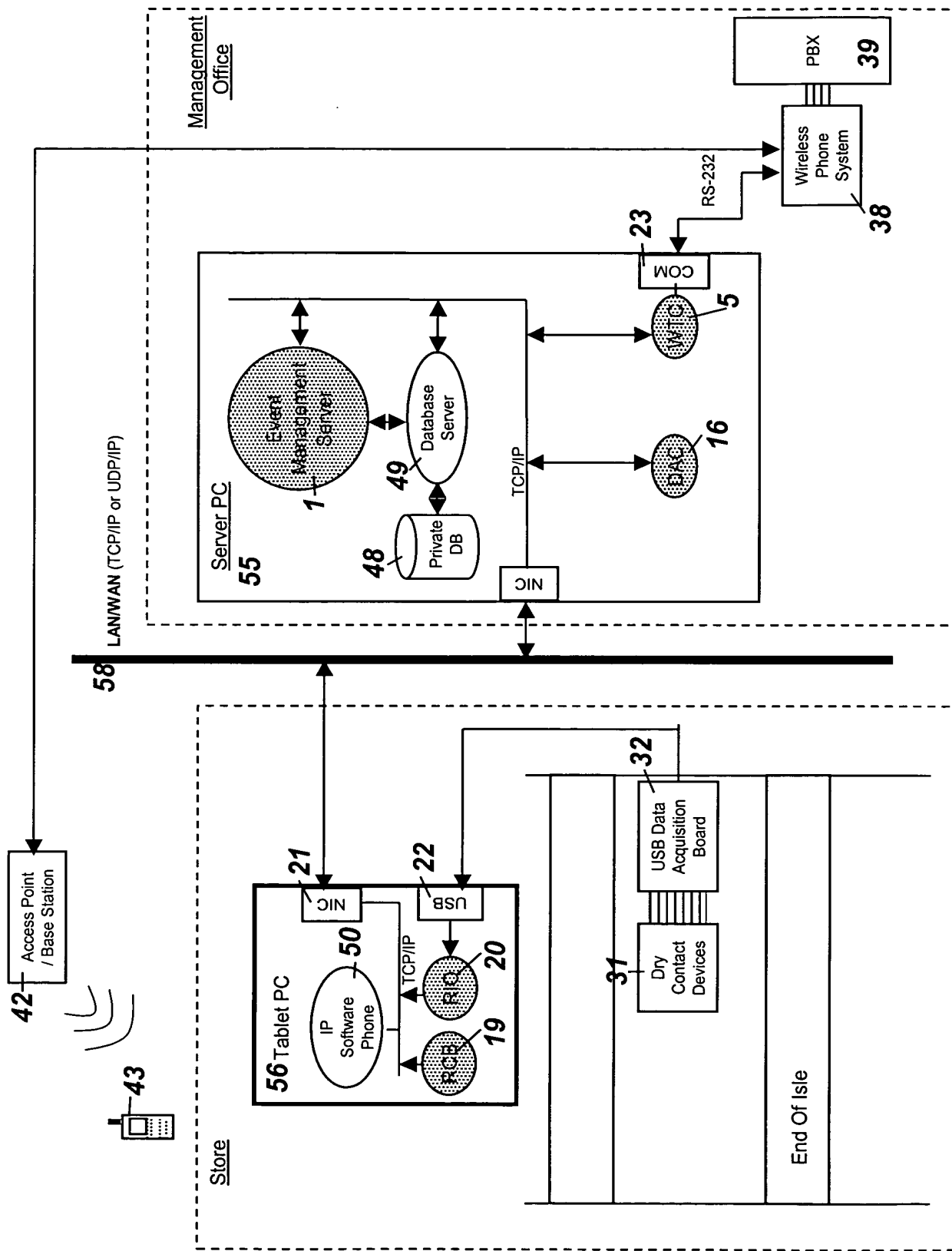
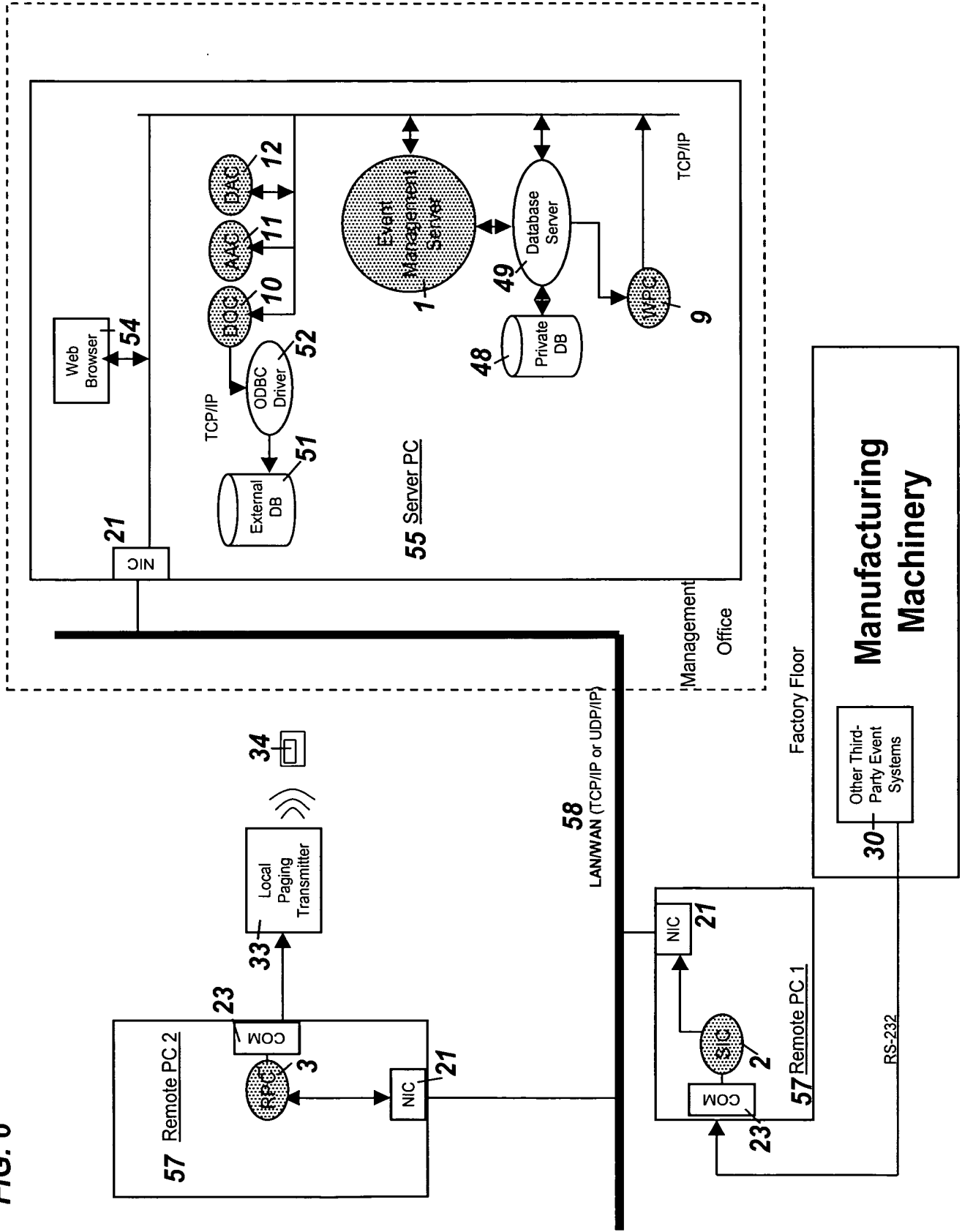


FIG. 6



G. 7

The diagram illustrates the Security Office LAN/WAN architecture, divided into three main sections: **55 Server PC**, **Wiring Closet**, and **57 Remote PC**.

55 Server PC: This section contains the core server components. It includes a **Private DB** (48) connected to a **Database Server** (49), which in turn connects to an **Event Management Server** (1). The Event Management Server is also connected to a **SIC** (2) and an **RPC** (3). A **COM** port (23) is shown connecting the Event Management Server to the **Wiring Closet**. A **NIC** (21) is also present, connecting the server to the **58 LAN/WAN (TCP/IP or UDP/IP)** network.

Wiring Closet: This section acts as the central hub for network connections. It contains a **COM** port (23) that receives data from the Event Management Server. This port is connected to a **Local Paging Transmitter** (34) via a **Serial Relay Contact Board** (44). The **Serial Relay Contact Board** is also connected to a **Serial Data Acquisition Board** (29) via an **RS-232** connection (23). The **Serial Data Acquisition Board** is connected to **Electrical Devices** (45) and **Dry Contact Devices** (28) in the **Court Room**.

57 Remote PC: This section represents the remote access point. It contains a **Remote PC** (57) with a **DAC** (16) and a **VCR** (18). The Remote PC is connected to the **58 LAN/WAN (TCP/IP or UDP/IP)** network via a **TCP/IP** connection (21).

58 LAN/WAN (TCP/IP or UDP/IP): This is the network backbone that connects the Server PC, the Remote PC, and the Wiring Closet. It is represented by a thick horizontal line.

Security Office: The entire system is housed within the **Security Office**, which is indicated by a dashed border.

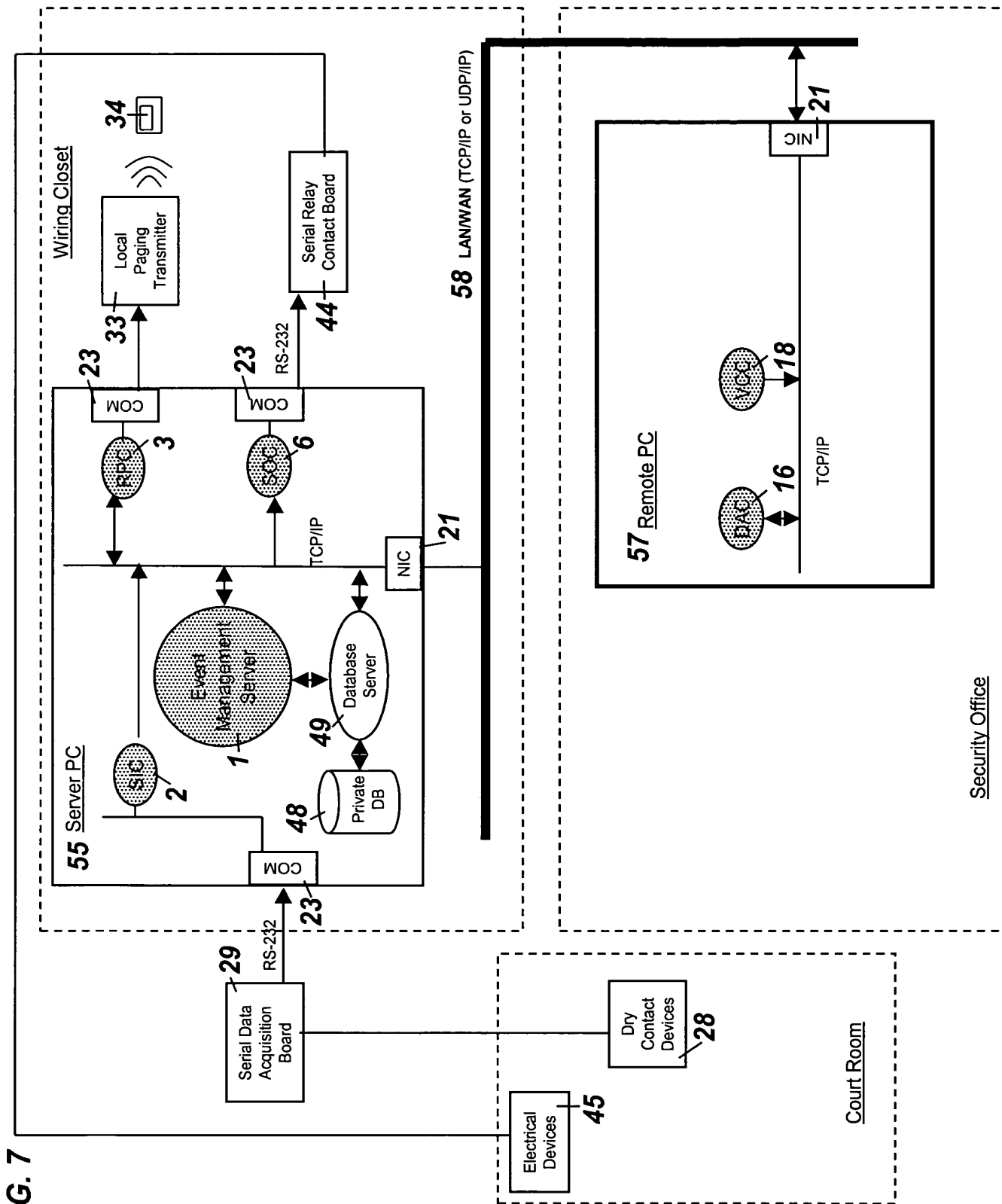


FIG. 8

